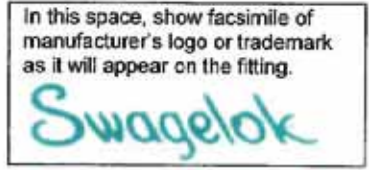


STATUTORY DECLARATION
Registration of Fittings

I, Joel Feldman, Vice President, Engineering
(name of applicant) (position title) (must be in a position of authority)
of Swagelok Company
(name of manufacturer)



located at 29500 Solon Road, Solon, Ohio 44139 USA (see Attachment A)
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or
are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with
data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Category C Type Fittings
(brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:

ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

DECLARED before me at Solon in the State of Ohio
(city) (province or state)

this 14th day of February, 2019
(Month) (Year)

(print) Jamie L. Ristau
(a Commissioner of Oaths or Notary Public) Resident Portage County
Notary Public, State of Ohio
My Commission Expires: 03/06/2019

(sign) Jamie L. Ristau Joel C. Feldman
(a Commissioner of Oaths or Notary Public) (signature of applicant)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category

Registration Number:

Date Registered:

Expiry Date:

Stamp area containing ABSA logo, 'ACCEPTED' text, registration number 0C21354-52, date 2020-05-19, and signature of XING LIU, P. Eng.

## Attachment B: Scope for Swagelok H83 Series Ball Valves (Category C)

This document represents the scope of the H83 Series Ball Valve covered by this submission for CRN approval. The Swagelok H83 Series Ball Valves were designed and evaluated in accordance with the requirements of MSS SP-105-2016a "Instrument Valves for Code Applications".

### Summary Table

Product Description or Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				@ 100°F	@ Max Temp	
H83	Body	316SS (ASTM A479)	Swagelok Tube Fitting 1/4", 6MM, Female NPT 1/8", 1/4"	10,000 psig	500 psig @ 450°F	MSS-SP-105
			Swagelok Tube Fitting 3/8", 8MM	7500 psig		
			Swagelok Tube Fitting 1/2"	6700 psig		
			Swagelok Tube Fitting 10MM	8400 psig		
			Swagelok Tube Fitting 12MM	6800 psig		

### Product Illustration



## Product Options:

A variety of seat seal and stem seal materials are offered within the scope of this registration. Some of these options affect product pressure and/or temperature ratings, but in all cases these rating differences are less than those shown in the above Summary Table.

Additional options and non-pressure boundary alterations that do not affect pressure-temperature ratings are also available within the scope of this registration. Examples of these would include, but not be limited to, 3-way valves, handle options, indicator switches, actuators, etc.

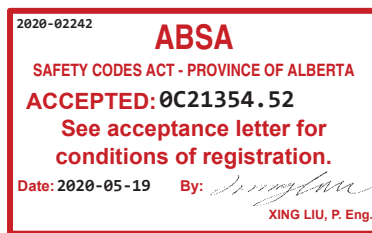
## Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

## References

The product catalog does not represent the full scope of registration, but rather details some of the most common options.

- 83 and H83 Series Ball Valve Catalog MS-01-166, REV Q



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

## **Attachment A. Swagelok Manufacturing Locations**

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139	Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119
Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China	Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man

May 19, 2020

**Attention:** Tanya Francis  
TECHNICAL STANDARDS & SAFETY AUTHORITY  
345 CARLINGVIEW DRIVE  
TORONTO, ON M9W 6N9

The design submission, tracking number 2020-02242, originally received on April 23, 2020 was surveyed and accepted for registration as follows:

**CRN :** 0C21354.52 **Accepted on:** May 19, 2020

**Reg Type:** NEW DESIGN **Expiry Date:** May 01, 2029

**Drawing No. :** H83-BALL-2019 ATTACHMENT A AND B Rev FEB42019

**Fitting type:** VALVE

Design registered in the name of : SWAGELOK COMPANY

**The registration is conditional on your compliance with the following notes:**

*As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.1 and ASME B31.3.*

*- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.*

*- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*

*- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*

*- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3388 or fax (780) 437-7787 or e-mail Liu@absa.ca.

Sincerely,



LIU, XING, P. Eng.  
DOP Cert. No. D00008861